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		Group Art Unit	1771			
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WIN OFFICE		5,776,359 (if known)	Schultz et al.	07/07/1998	3
	- A - -	5,959,297	Weinberg et al.	09/28/1999	
		5,985,356	Schultz et al.	11/16/1999)
	┝╂╼┼╾	6,004,617	Schultz et al.	12/21/1999	
		6,013,199	McFarland et al.	01/11/2000	
		6,030,917	Weinberg et al.	02/29/2000	
	7.	6,034,775	McFarland et al.	03/07/200	
	110	6,034,240	La Pointe	03/07/200	
		6,043,363	LaPointe et al.	03/28/200	
		6,045,671	Wu et al.	04/04/200	
		6,087,181	Cong	07/11/200	
		6,124,476	Guram et al.	09/26/200	
		6,151,123	Nielsen	11/21/200 11/21/200	
		6,149,882	Guan et al.	12/05/200	
		6,157,449	Hajduk	01/16/200	
		6,175,409 B1	Nielsen et al.	01/23/200	
		6,177,528 B1	LaPointe et al. McFarland et al.	02/06/200	
λ		6,182,499 B1	Warren et al.	02/13/200	
	 \ 	6,187,164 B1 / 6,203,726 B1 /	Danielson et al.	03/20/200	
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449B/PTO 09/939,139 Application Number INFORMATION DISCLOSURE 08/24/2001 Filing Date Mary Beth Kossuth First Named Inventor STATEMENT BY APPLICANT 1771 Group Art Unit Examiner Name (use as many sheets as necessary) 1012-109(2000-118) Attorney Docket Number of 10 Sheet OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), miner Cite publisher, city and/or country where published. Mitials* No.1 ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991 YOUNG, W.C., Roark's Formulas for Stress and Stain, 1989 *TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940-> OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systmes, Vol. 6, No. 2, June 1997 KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228. GROVER, G. et al., "A Screening Technique for Fabric Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494. PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992)"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA. RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric Hand" Textile Research Journal 62, 1, pp. 31-38 (1991). ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994). Date Examiner Considered

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ł	Q	1	Testing of Materials Libraries Using a Piezoelectric, (B: Trajects) The family of applications for U.S. Patent Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same," (Carlson, et al.) filed on May 26, 2000
			*The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.
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			*PCT Application No. PCT/US01/11417 entitled "Automated Process Control And Data- Management System And Methods", filed 4/6/2001
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		5,817,947		Bergerus	10/06/1998	
7		5,723,792		Miyazaki	03/03/1998	
\vdash		5,532,942	-17	Kitamura et al.	07/02/1996	
\vdash		5,520,042	17	Garritano et al.	05/28/1996	
		5,517,860		Lin et al.	05/21/1996	
\vdash		5,452,614		Kato et al.	09/26/1995	
 		5,438,863	1/	Johnson	08/08/1995	
		5,437,192	- 1/	Kawamoto et al.	08/01/1995	
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 ¥ 0 -		5,269,190		Kramer et al.	12/14/1993	
\vdash	-	5,092,179		Ferguson	03/03/1992	
	-	4,899,581		Allen et al.	02/13/1990	
-		4,715,007		Fujita et al.	12/22/1987	
	 	4,699,000		Lashmore et al.	10/13/1987	
	 	4,605,589		Orphanides	08/12/1986	·
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Newman

Lynch et al.

Winkler et al

Morozov et al

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		"Standard Test Method for Rubber Property-Intrenational Hardness," American Society					
		for Testing and Materials AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	-				
Q _p		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	-				
		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	+				
		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668	-				
		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polyme Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	r				
		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	_				
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Application Number	09/939,139
Filing Date	08/24/2001
First Named Inventor	Mary Beth Kossuth
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	1012-109(2000-118)

				U.S. PATENT DOC	JMENTS	Danie Columns Lines
xaminer nitials*	Cite No.1	Number	cument and Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		1,870,412	\ <u>\</u>	Kennedy	08/09/1932	
4		3,071,961	V	Heigl et al.	01/08/1963	
\dashv		3,675,475	7.	Weinstein	07/11/1972	
+		3,713,328		Aritomi	01/30/1973	
		3,798,960		Glass	03/26/1974	
		3,805,598		Corcoran	04/23/1974	
7	1	3,818,751		Karper et al.	06/25/1974	
4,	\vdash	3,849,874		Jeffers	11/26/1974	
XU	 	3,895,513		Richardson	07/22/1975	to the second second
<u> </u>	 	3,908,441		Virloget	09/30/1975	is home board town to the passenger
\neg	 	3,933,032	/	Tschoegl	01/20/1976	FEB 2 0 2002
一十		4,229,979		Greenwood	10/28/1980	Land Control of the C
一十	_	4,447,125		Lazay et al.	05/08/1984	TC 1700
	_	4,517,830		Gunn, deceased et al.	05/21/1985	, 0, 3, 00
	+	4,567,774	/	Manahan et al. 15	02/04/1986	
\dashv	+-	4,570,478		Soong	02/18/1986	
一	+	4,599,219		Cooper et al.	07/08/1986	
_	+-	4,602,501		Hirata	07/29/1986	
-	+-	4,680,958	- -	Ruelle et al.	07/21/1987	
	+-	4,685,328		Huebner et al.	08/11/1987	

Examiner	Cite No.1	Office ³	Alternative Aller	 Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ'
A			JP402297040A	Akaha Toru	12/07/1990		+
70			WO 96/11878 WO 00/51720 WO 00/17413 WO 01/79949 A2 WO 98/15501	Symyx Technologies, Inc. Symyx Technologies Symyx Technologies, Inc. Symyx Technologies, Inc.	09/08/2000 03/30/2000 10/25/2001 04/16/1998		
			WO 99/18431 EP 0 317 356 A2	Symyx Technologies, Inc. Chichibu Cement Kabushiki	04/15/1999 05/24/1989		+

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			U.S. PATENT DOCI	JMENTS	O Columns Lines
Examiner	Cite No.1	U.S. Patent Docume Kind C Number (if kno	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
7		4,740,078	Daendliker et al.	04/26/1988	
A		4,749,854	Martens	06/07/1988	
+		4,789,236	Hodor et al.	12/06/1988	
+-		4,793,174	Yau	12/27/1988	
+		4,829,837	Telfer	05/16/1989	
+	 	4,893,500	Fink-Jensen	01/16/1990	
+-		4,899,575	Chu et al.	02/13/1990	
	├──	4,932,270	Lurie et al.	06/12/1990	
1	 	5,008,081	Blau et al.	04/16/1991	DEC MED
40	<u> </u>	5,051,239	von der Goltz	09/24/1991	The same of the sa
1		5,115,669	Fuller et al.	05/26/1992	FEB 2 A SERES
H	 	5,142,900	Duke	09/01/1992	TLO Z
	1	5,193,383	Burnham et al.	03/16/1993	70 1710
H		5,236,998	Lundeen et al.	08/17/1993	
H-	 	5,271,266	Eschbach	12/21/1993	
H^-	1	5,272,912	Katsuzaki	12/28/1993	
H	\top	5,280,717	Hoseney et al.	01/25/1994	
H		5,303,030	Abraham et al.	04/12/1994 04/26/1994	
11		5,305,633	Weissenbacher et al.	09/26/1995	
1	1	5,452,619	Kawanabe et al.	109/20/1993 I	

				FORE	IGN PATENT DOCUMEN	18	Duran Columns Lines	Т
		f	Foreign Patent Document		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	T.
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			U.S. PATENT DOC	UMENTS	
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The state of the s	No.	5,481,153 5,610,325 5,626,779 5,699,159 5,700,953 5,728,532 5,756,883 5,764,068 5,821,407 6,306,658 6,315,923 6,050,139	Turner Rajagopal et al. Okada Mason Hlady et al. Ackley Forbes Katz et al. Sekiguchi et al. Turner et al. Devenney et al. Schultz et al. Bousfield et al.	01/02/1996 03/11/1997 05/06/1997 12/16/1997 12/23/1997 03/17/1998 05/26/1998 06/09/1998 10/13/1998 10/23/2001 11/13/2001 12/04/2001 04/18/2000	FEO 2 0 2000 FEO 2 0 2000
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